

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2393	(magnet\$4optic\$4 magnet\$4 adj optic\$4) and spiral\$2 and concentric\$4	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:33
S2	1165	(magnet\$4optic\$4 magnet\$4 adj optic\$4) and (spiral\$2 and concentric\$4) near2 (track\$1 land\$1 groove\$1 intergroove\$1 interland\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:34
S3	798	(magnet\$4optic\$4 magnet\$4 adj optic\$4) and (spiral\$2 with concentric\$4) near2 (track\$1 land\$1 groove\$1 intergroove\$1 interland\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:36
S4	1	(magnet\$4optic\$4 magnet\$4 adj optic\$4) and (spiral\$2 with concentric\$4) near2 (track\$1 land\$1 groove\$1 intergroove\$1 interland\$1) and "5406534"	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:35
S5	1	"5406534".pn.	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:35
S6	640	(magnet\$4optic\$4 magnet\$4 adj optic\$4) same spiral\$2 near2 (track\$1 land\$1 groove\$1 intergroove\$1 interland\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 12:36
S7	234	(magnet\$4optic\$4 magnet\$4 adj optic\$4) with spiral\$2 near2 (track\$1 land\$1 groove\$1 intergroove\$1 interland\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:16
S8	44550	"369".clas.	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:16
S9	1129	S8 and (outer otward\$2 outside) near2 (inner inward\$2 inside) near3 (record\$3 writ\$3 read\$3 reprduc\$4)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:32
S10	40	S8 and (outer otward\$2 outside) near2 center near3 (record\$3 writ\$3 read\$3 reprduc\$4)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:26
S11	25	S8 and (outer otward\$2 outside) near2 center and vinyl	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:29
S12	45	S8 and (outer otward\$2 outside) near2 center and lp\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:29
S13	8267	S8 and direction\$1 near3 (record\$3 writ\$3 read\$3 reprduc\$4)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:33
S14	3416	S8 and direction\$1 near (record\$3 writ\$3 read\$3 reprduc\$4)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:33

## EAST Search History

S15	0	S8 and direction\$1 near (record\$3 writ\$3 read\$3 reprduc\$4) near (outer otward\$2 outside) near2 center not (direction\$1 near2 center)	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:34
S16	0	S8 and direction\$1 near (record\$3 writ\$3 read\$3 reprduc\$4) near (outer otward\$2 outside) near2 center	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:35
S17	0	"4873679".pn. and layer\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:46
S18	1	"4873679".pn. and outer	US-PGPUB; USPAT	OR	OFF	2007/02/12 14:50
S19	149	S8 and (inner\$4 inward\$2 inside) near toward near (outer\$4 otward\$2 outside)	US-PGPUB; USPAT	OR	OFF	2007/02/12 15:32
S20	1	"5608715".pn.	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:04
S21	0	"5608715".pn. and zone\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:05
S22	0	("5608715" "5406534" "4639907" "5881032" "4873679" "6603714").pn. and zone\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:44
S23	1	10/718882 and zone\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:06
S24	0	10/718882 and (\$1clv \$1cav)	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:08
S25	0	10/718882 and zone\$1 with (linear angular)	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:06
S26	264	S8 and (\$1clv and \$1cav) same (layer\$1 side\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 17:15
S27	26	S8 and (?clv and ?cav) same (layer\$1 side\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:11
S28	3	("5608715" "5406534" "4639907" "5881032" "4873679" "6603714").pn. and layer\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:44
S29	6	("5608715" "5406534" "4639907" "5881032" "4873679" "6603714").pn. and side\$1	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:48
S30	4	("5608715" "5406534" "4639907" "5881032" "4873679" "6603714").pn. and sides	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:46
S31	4	("5608715" "5406534" "4639907" "5881032" "4873679" "6603714").pn. and sided	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:49

## EAST Search History

S32	21	S8 and multilayer same double adj sided	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:56
S33	64	S8 and (multilayer\$3 multi adj layer\$3) same double adj sided	US-PGPUB; USPAT	OR	OFF	2007/02/12 17:13
S34	1	"20020186634"	US-PGPUB; USPAT	OR	OFF	2007/02/12 17:13
S35	37	S8 and ((clv with ?clv) (cav with ?cav)) same (layer\$1 side\$1)	US-PGPUB; USPAT	OR	OFF	2007/02/12 17:16